

ABSTRACT

There is provided an ultrasonic motor whose vibration loss is suppressed, whose structure is miniaturized, whose production process is simplified and which is capable of utilizing electrical energy very efficiently. The inventive ultrasonic motor comprises a first piezoelectric body having a first polarized portion excited when voltage is applied and a second piezoelectric body that is laminated with the first piezoelectric body in a body in the longitudinal direction parallel to the polarizing direction and having a first polarized portion at position separated from the first polarized portion of the first piezoelectric body in the transverse direction vertical to the polarizing direction and moves a moving body by vibration obtained by combining stretching vibration and bending vibration caused by distortion in the polarizing direction of the first polarized portion of the first piezoelectric body and the first polarized portion of the second piezoelectric body.